

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



Applicant: Ekkehard LEBERER et al.  
Title: POTASSIUM CHANNEL  
MUTANTS OF THE YEAST  
SACCHAROMYCES CEREVISIAE  
AND THEIR USE FOR SCREENING  
EUKARYOTIC POTASSIUM  
CHANNELS

Appl. No.: Unassigned

Filing Date: January 11, 2001

Examiner: Unassigned

Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Ekkehard LEBERER  
Thomas LEEUW  
Allegra RITSCHER

[ ] Applicant claims small entity status under 37 CFR 1.27.

Enclosed are:

- [ X ] Specification, Claim(s), and Abstract (58 pages).
- [ X ] Informal drawings (14 sheets, Figures 1-14).
- [ X ] Unexecuted Declaration and Power of Attorney (4 pages).
- [ X ] Claim for Convention of Priority and priority document.

The filing fee is calculated below:

	Claims as Filed		Included in Basic Fee		Extra Claims		Rate		Fee Totals
Basic Fee							\$710.00		\$710.00
Total Claims:	24	-	20	=	4	x	\$18.00	=	\$72.00
Independents:	7	-	3	=	4	x	\$80.00	=	\$320.00
If any Multiple Dependent Claim(s) present:						+	\$270.00	=	\$0.00
							SUBTOTAL:	=	\$1102.00
Surcharge Under 37 C.F.R. 1.16(e)							\$130.00	=	\$130.00
[ ] Small Entity Fees Apply (subtract ½ of above):								=	\$0.00
							TOTAL FILING FEE:	=	\$1232.00

- [ ] A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.
- [ X ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date January 11, 2001

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